

# CURRICULUM VITAE

## Personal data

**Name** Andrei Krüger  
**Age** 39 years  
**Address** Ulvilantie 29/7 D 512, 00350 Helsinki  
**Contact information** anc@iki.fi or +358 40 569 4813  
**Education** Helsinki Institute of Technology  
B.Sc. - Information technology  
Aug/1989 - May/1993

## Work Experiences

Espotel 2009 -	<u>Senior SW Engineer</u> (Embedded SW) May/2009 - <ul style="list-style-type: none"><li>• Driver Display/Controller(uC/OS-II)</li><li>• Lift group controller</li></ul>	Specialities: <ul style="list-style-type: none"><li>• version control</li><li>• sw building and packaging</li><li>• coding details and quality</li><li>• low level security</li></ul>
CERN/Hip 2007-09	<u>Scientist/senior engineer</u> Aug/2007 - March/2009 <ul style="list-style-type: none"><li>• Grid middleware security (gLite)</li><li>• Classroom application (desktop/audio/multimedia sharing)</li></ul>	
Espotel 2005-07	<u>SW Engineer</u> (Embedded SW) Dec/2005 - Jun/2007 <ul style="list-style-type: none"><li>• Linux drivers and u-boot (arm)</li><li>• HA microwave link controller (power-pc)</li></ul>	Continuous: <ul style="list-style-type: none"><li>• improving coding, SCM and testing methods</li><li>• tools and scripts</li><li>• server and network administration</li></ul>
TietoEnator 2001-06	<u>Senior SW Engineer</u> (SCM & tools) Feb/2000 - Jan/2006 <ul style="list-style-type: none"><li>• SCM studies and new SCM environments (ClearCase)</li><li>• Developing SCM/SW-engineering tools and methods (for designers and build engineers)</li><li>• Improving of SW-build processes and methods</li><li>• Background support for build engineers (solving sw and compilation problems)</li></ul>	
Nokia 1994-2001	<u>Software Engineer</u> Aug/1994 - Feb/1998 <ul style="list-style-type: none"><li>• HA software for Switching Center (MSC) (architecture/sw design, sw-implementation, testing)</li></ul>	

## Computing skills

**Environments** Linux, FreeBSD, Solaris, VMS, ChorusOS, PalmOS, Qt, (Win, Mac)  
**Processors** Intel, ARM/AVR, Power-PC, PIC  
**Programming languages** C, Python, C++, Java, assemblers (arm, power-pc, avr, pic, ix86)  
**Scripting languages** bash, sed, perl, awk, DCL (VMS), etc.  
**Other languages** XML, Postscript, HTML, SDL, etc.  
**Databases** SQLite, PostgreSQL, MySQL, Ingres  
**SCM-environments** Subversion, git, ClearCase, CVS, SPM, Etics  
**Processes/methods** SCM and building techniques, Scrum, UML, Savannah, Trac

## Other Experiences

- Sound balancer and technician, local radios (1990 and 1995)
- WWW-server administrator of Finnish Scouts (1995-2000)
- Personal microcontroller and software projects

**Language skills** Finnish, English, Russian

**Other References**

- A few granted patents
- Vision of best practices: [www.iki.fi/anc/SW-development.html](http://www.iki.fi/anc/SW-development.html)

**Interests** Hiking, orienteering, car-orienteering, climbing, cooking, skiing, computers